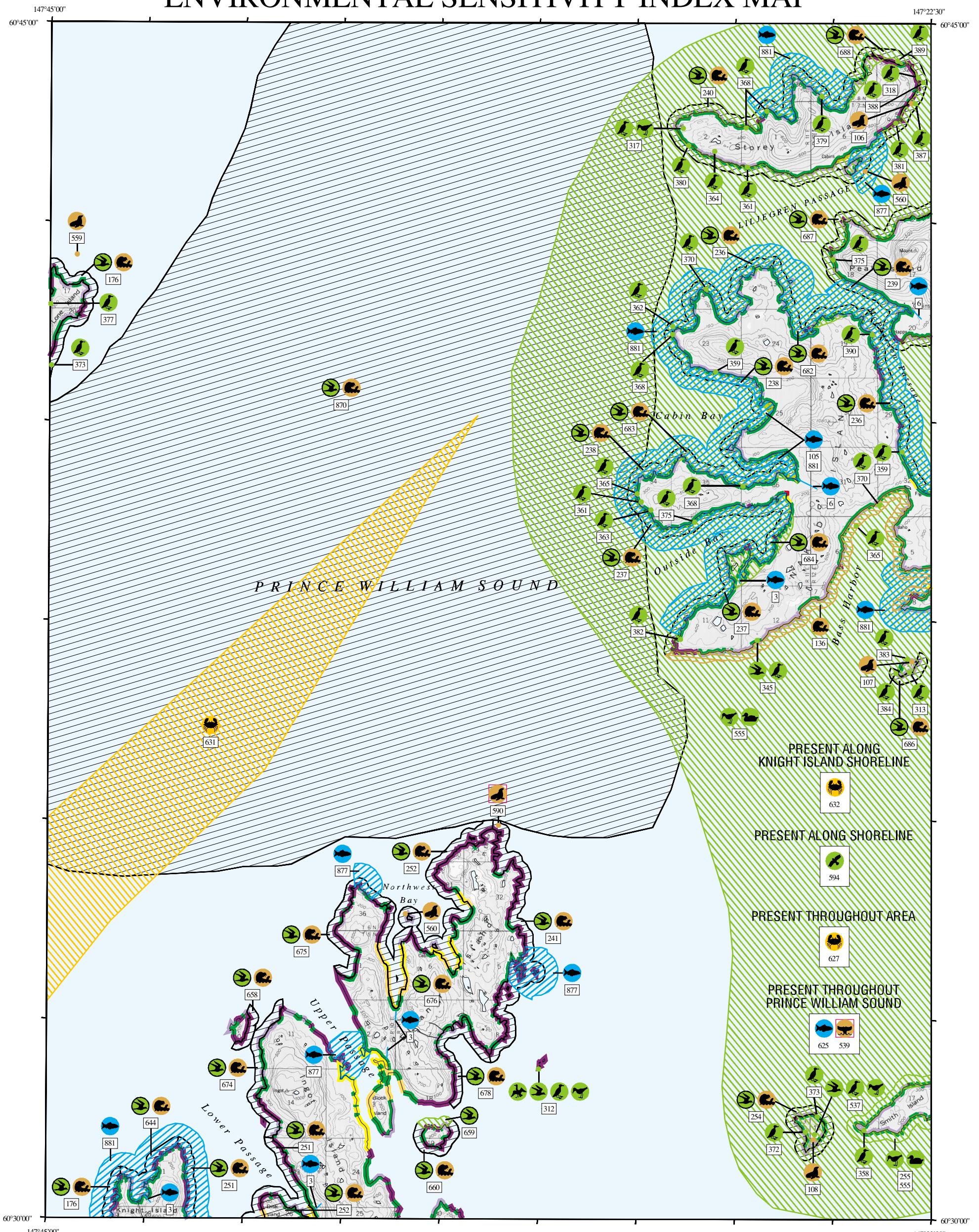


ENVIRONMENTAL SENSITIVITY INDEX MAP



SHORELINE HABITATS

- 1A EXPOSED ROCKY SHORES
- 2A EXPOSED WAVE-CUT PLATFORMS IN BEDROCK
- 3A FINE- TO MEDIUM-GRAINED SAND BEACHES
- 4 COARSE-GRAINED SAND BEACHES (NOT PRESENT)
- 5 MIXED SAND AND GRAVEL BEACHES
- 6A GRAVEL BEACHES
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED ROCKY SHORES
- 8D SHELTERED ROCKY RUBBLE SLOPES
- 9A SHELTERED TIDAL FLATS
- 10A SALT- AND BRACKISH-WATER MARSHES

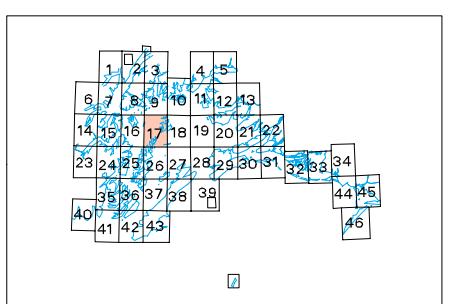


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SEWARD (C-2), AK (1987) PWS-17

Prince William Sound - ESIMAP 17

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Laying	Hatching	Fledgind
176	Goldeneye			LOW	X	X	X							X	X	-	-	-	-	
236	Oldsquaw			LOW			X	X	X	X	X	X	X	X	X	-	-	-	-	
237	Bald eagle			LOW	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	
	Goldeneye			HIGH	X	X	X							X	X	-	-	-	-	
	Gulls			LOW				X	X	X	X	X	X			-	-	-	-	
	Harlequin duck			LOW				X	X	X	X	X	X			-	-	-	-	
	Oldsquaw			MED				X	X	X	X	X	X			-	-	-	-	
	Scoters			MED			X	X	X					X	X	-	-	-	-	
	Shorebirds			LOW			X	X	X	X	X	X	X	X	X	-	-	-	-	
	Surf scoter			HIGH			X	X	X					X	X	-	-	-	-	
238	Goldeneye			MED			X	X	X					X	X	-	-	-	-	
	Gulls			LOW				X	X	X	X	X	X	X	X	-	-	-	-	
239	Cormorant			LOW			X	X	X					X	X	-	-	-	-	
	Gulls			LOW				X	X	X	X	X	X			-	-	-	-	
	Shorebirds			LOW				X	X	X	X	X	X	X	X	-	-	-	-	
240	Cormorant			LOW			X	X	X					X	X	-	-	-	-	
	Gulls			LOW				X	X	X	X	X	X			-	-	-	-	
	Mew gull			HIGH				X	X	X	X	X	X			-	-	-	-	
	Surf scoter			LOW			X	X	X	X	X	X	X			-	-	-	-	
241	Cormorant			LOW			X	X	X					X	X	-	-	-	-	
	Gulls			LOW				X	X	X	X	X	X			-	-	-	-	
	Harlequin duck			LOW				X	X	X	X	X	X			-	-	-	-	
251	Goldeneye			MED			X	X	X					X	X	-	-	-	-	
	Greater scaup			LOW				X	X	X	X	X	X			-	-	-	-	
	Loons			MED				X	X	X				X	X	-	-	-	-	
	Scoters			LOW				X	X	X				X	X	-	-	-	-	
252	Goldeneye			LOW				X	X	X				X	X	-	-	-	-	
	Gulls			LOW					X	X	X	X	X	X		-	-	-	-	
254	Cormorant			LOW			X	X	X					X	X	-	-	-	-	
	White-winged scoter			MED				X	X	X	X	X	X	X	X	-	-	-	-	
255	Black (common) scoter			MED				X	X	X	X	X	X			-	-	-	-	
312	Black oystercatcher			4				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Black-legged kittiwake			536				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Cormorant			100				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Glaucous-winged gull			375				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pigeon guillemot			UNKNOWN				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
313	Horned puffin			3				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Parakeet auklet			80				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Tufted puffin			200				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
317	Black oystercatcher			6				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Horned puffin			20				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Tufted puffin			20				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
318	Horned puffin			20				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Parakeet auklet			9				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Tufted puffin			80				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
345	Black-legged kittiwake			228				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Glaucous-winged gull			17				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Horned puffin			37				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Parakeet auklet			284				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pigeon guillemot			UNKNOWN				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Tufted puffin			233				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
358	Pigeon guillemot			16				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
359	Pigeon guillemot			12				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
361	Pigeon guillemot			4				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
362	Pigeon guillemot			17				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
363	Pigeon guillemot			14				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
364	Pigeon guillemot			6				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
365	Pigeon guillemot			8				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
368	Pigeon guillemot			9				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
370	Pigeon guillemot			5				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
372	Pigeon guillemot			7				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
373	Pigeon guillemot			11				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
375	Pigeon guillemot			18				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
377	Pigeon guillemot			13				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
379	Parakeet auklet			15				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pigeon guillemot			29				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
380	Parakeet auklet			UNKNOWN				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pigeon guillemot			33				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
381	Horned puffin			UNKNOWN				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pigeon guillemot			18				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Tufted puffin			UNKNOWN				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
382	Horned puffin			2				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Parakeet auklet			80				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pigeon guillemot			21				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
383	Horned puffin			2				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Parakeet auklet			60				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pigeon guillemot			10				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Tufted puffin			7				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
384	Pigeon guillemot			8				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Tufted puffin			4				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
387	Horned puffin			19				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Parakeet auklet			27				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pigeon guillemot			16				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Tufted puffin			114				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
388	Horned puffin			15				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Parakeet auklet			26				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pigeon guillemot			12				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Tufted puffin			75				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
389	Horned puffin			2				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Parakeet auklet			39				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pigeon guillemot			13				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Tufted puffin			27				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
390	Horned puffin			7				X	X	X	X	X	X		JUN-SEP	-	-	-	-	
	Pigeon guillemot	</																		

Prince William Sound - ESIMAP 17 cont.

BIOLOGICAL RESOURCES: cont.

BIRD: cont.

FISH:

INVERTEBRATE.

INVERTEBRATE:	RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawn/Mate	Eggs	Larvae	Juveniles	Adults
	627	Tanner crab	-	-	MINOR	X	X	X	X	X	X	X	X	X	X	X	DEC-JUN	APR-SEP	-	JAN-DEC	JAN-DEC	
	631	Golden king crab	-	-	SIGNIFICANT	X	X	X	X	X	X	-	-	-	-	-	FEB-AUG	-	-	FEB-AUG	-	
	632	Chinook salmon	-	-	MINOR	X	X	X	X	X	X	X	X	X	X	X	DEC-JUN	APR-JUN	-	JAN-DEC	JAN-DEC	

Prince William Sound - ESIMAP 17 cont.

BIOLOGICAL RESOURCES: cont.

MARINE MAMMAL:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
106	Harbor seal			0	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
107	Harbor seal			37	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
108	Harbor seal			19	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
136	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
176	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
236	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
237	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
238	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
239	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
240	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
241	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
251	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
252	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
254	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
539	Humpback whale	F	E		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Killer whale				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
559	Harbor seal			12	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
560	Harbor seal			<10	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
590	Northern (Steller) sea lion	F	E	0	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
644	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
658	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
660	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
674	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
675	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
676	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
678	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
682	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
683	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
684	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
686	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
687	Sea otter			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
688	Sea otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-
870	Sea otter			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-JUN	-	-

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.